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### SPECTRUM ADVENTURES

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Mark Coloon

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ZX COMPUTIVE APPLICATION



### programmina

A book entitled 'Better Programming For Your ectrum And 2X81' hit the hookshops last onth. Here we give you a sneak preview of two of the program featured in this new

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Robert Speel

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### Sinclair software for your '81

Our intrepid reviewer, Nick Pearce, inspects the new range of software from the Sinclair stable.





Planet Of Death, Ship Of Doom, and Adventure Island — Artic Computing

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ZX81 GAM

## Sheepdog trial

Round up your sheep with this program for your 16K ZX81 from Guy Morgan of Mid-Glamorgan.



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How to order your ZX Spectrum

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Join Mark Wenham of County Kilkenny as he shows us an easy way to make

sense of certain machine code instructions.







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MACHINE CODE

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#### MACHINE CODE

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ECTRUM CAME

# F.A.Cup



Get on the road to Wembley with this football simulation written by GL Maynard.

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SPECTRUM GAME

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modular computer system



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notech ntial of your ZX81... OF W. H. SMITH AND JOHN MENZIES

#### The learning process ames Walsh studies the new software package from Microl for your 7X

Spectrum

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SOFTWARE REVIEW

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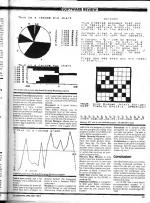
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Nine divited Buffbells have run them over if you numerical order, MNI crossing wour own Time is very short!





Countries are not programs an ex-



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You'll never be late with this program by thirteen year old Ben Rimmer of Eye Suffolk

SETTO 1 11.10,e." "jd,C."

SETTO 1 11.10,e." "jd,C."

SETTO 1 11.10,e." "jd,C."

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#### Spectrum launch in the States Times, the company that menulimens the TS 1000 (2008) the 15200 will the proposers of TH J.R. Spirithopre Designment the TS2000 is so



ROM with a view

The TS2000 is now

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## Good health

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## Battleships



Command your own fleet with this program by Jeff Hamilton of Cillingham.





#### SPECTRUM CAME

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# Is your Spectrum holding back?





## 2X81/SPECTRUM DOMESTI **Stock control**

Keep efficient control your stock

lendid program written by **Neil Streeter** of Hastings

stock mother with numbers.

NO. ORDDING OFFER

STOCK CONTROL .

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# Machine code colour graphics

Robert Erskine shows you how to speed up your colour graphics on the ZX Spectrum.

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#### SPECTRUM UTILITY

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## The Hobbit

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SOFTWARE REVIEW

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# Adding interest to your programs — part one

In this two-part feature, Tim Hartnell describes the genesis of a simple idea for a program through to a full-blown, arcade-style game on your ZX Spectrum.

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premary plantable filterand processors and colored and







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# Spectramon - part one

Simon Goodwin of Hereford

unveils an excellent program for the 48K Spectrum.

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SPECTRUM UTILITY Magic numbers? or to and ender If you found the numeric



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"RT 0,10, "YOU HIT ",5

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### ZX SPECTRUM

ZBSA reionoprocessor running at 3.5 MHz. 156 byts 50M con-Jaming BASIC interprets and operating system. 15% byte RGM con-tening BASIC interprets and operating system. 15% byte RAM (plus optional 32% byte RAM on internal expen-ells) based or 45% byte BAM.

40 key healesed with upper and lower sess with papers inch Seature APRASIC world obtained by angle heat, plus 1 Explained Characters 22 policy compol codes and 27 year defeations.

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Point; line, erele and are drawing commands in high resolution price production propries characters plus \$1 seasonationable The full expression makemen is belief wherever in supression, Communication made
The 2001 will execute statements immediately enabling it to

The 20081 resource agent minutely 420mA at 7-11Y GC. It has The 20051 is designed to work such UHF TVs (channel 36) \$25

ortalists characters. Also functions to slield character at a given

Foreground and background colours, brightness and fleshing are surely BASIC DK, PAPER ERECHT and FLASH commands CHEF. overwith any printing or pletting that is already on the screen. N. NEVICE and give inverse video printing. These are commande may be set globally to rever all further PRINT. PLOT, SHAW or CIFICLE.

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Earling Operations And Functions

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and CODE convenients and use of the sense uningless

and CODE convenients are VM.

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Annual An

Expression Evaluation

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Concepts Interface

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